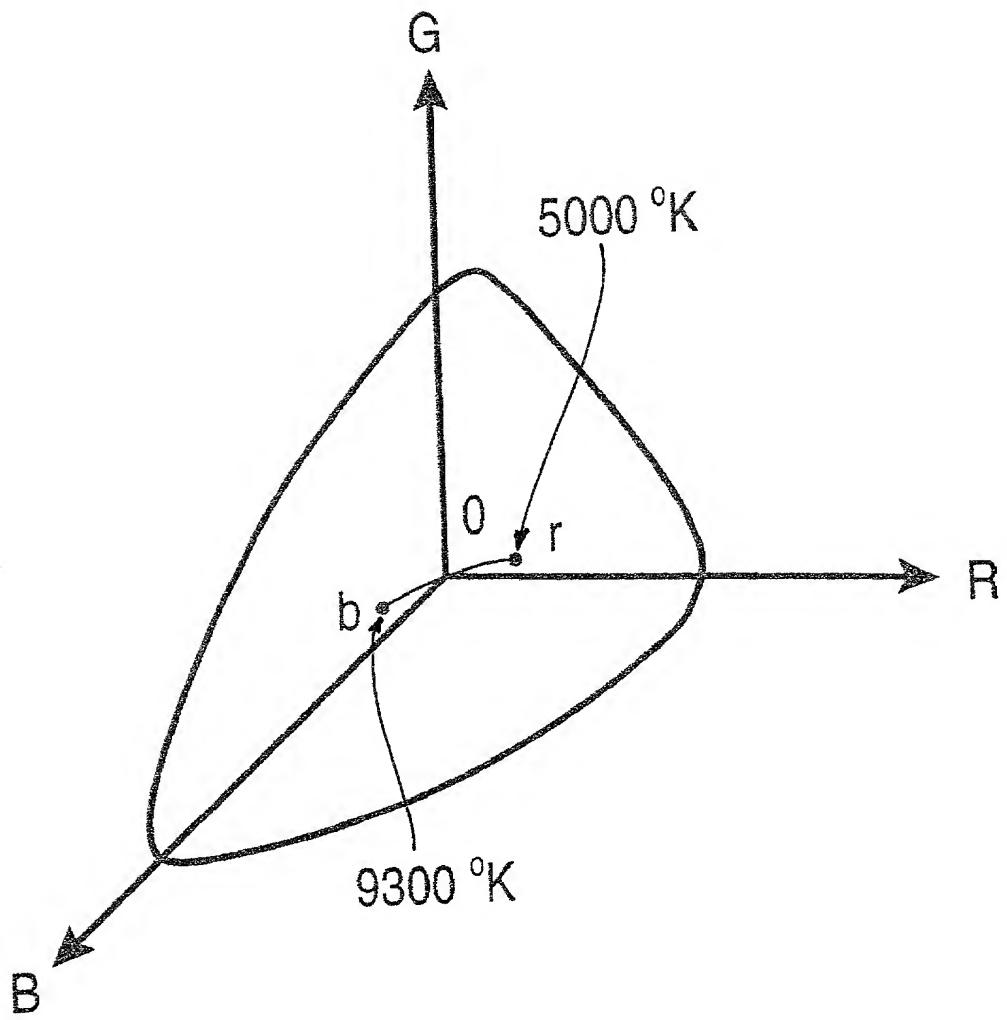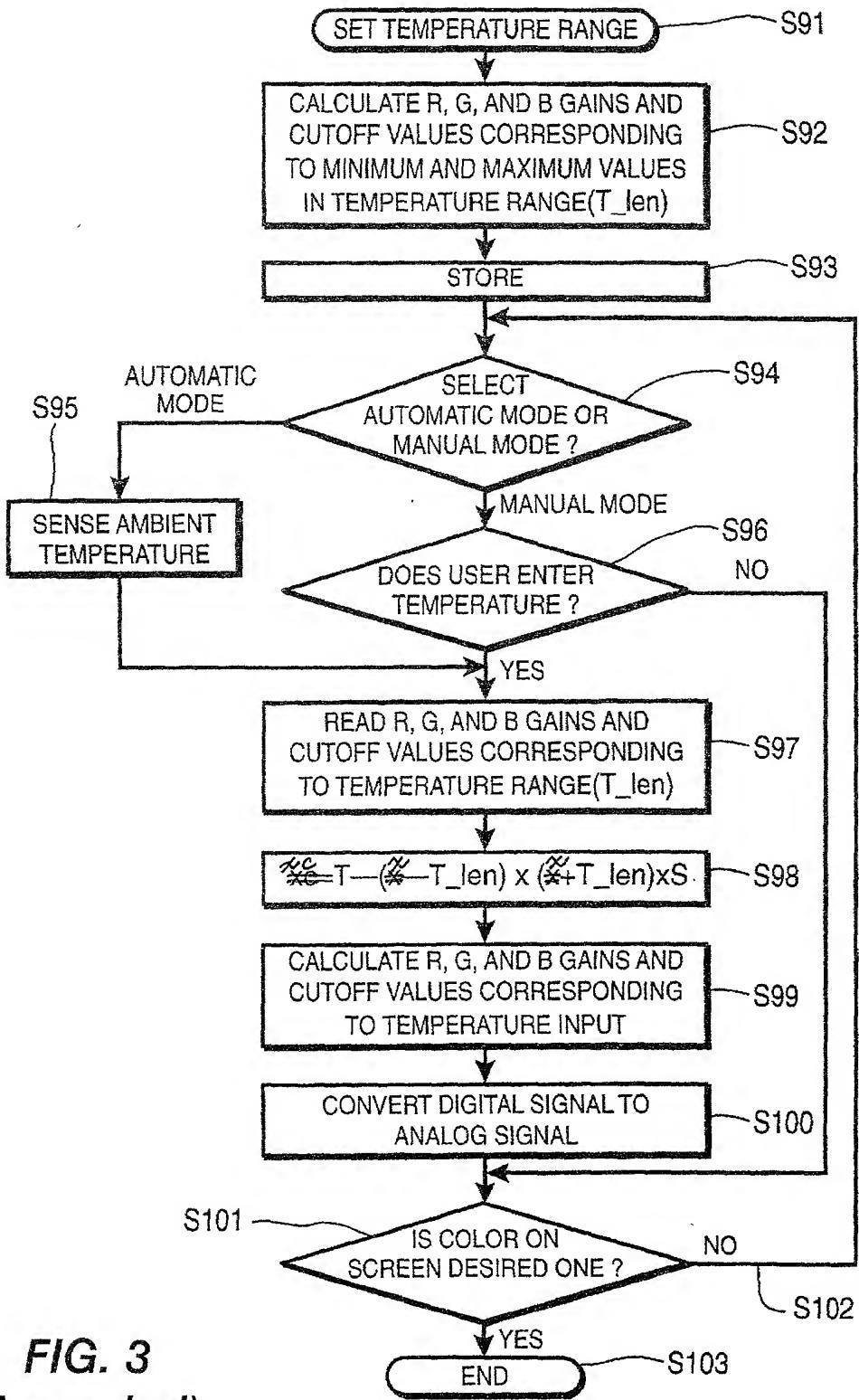FIG. 1
(Amended)

FIG. 2 (Amended)

FIG. 3
(Amended)

The flowchart contains the following elements:

- SET TEMPERATURE RANGE — S91
- CALCULATE R, G, AND B GAINS AND CUTOFF VALUES CORRESPONDING TO MINIMUM AND MAXIMUM VALUES IN TEMPERATURE RANGE(T_len) — S92
- STORE — S93
- SELECT AUTOMATIC MODE OR MANUAL MODE ? — S94
- AUTOMATIC MODE → SENSE AMBIENT TEMPERATURE — S95
- MANUAL MODE → DOES USER ENTER TEMPERATURE ? — S96 (NO)
- READ R, G, AND B GAINS AND CUTOFF VALUES CORRESPONDING TO TEMPERATURE RANGE(T_len) — S97 (YES)
- $\cancel{\%} T - (\cancel{\%} - T\_len) \times (\cancel{\%} + T\_len) \times S$ — S98
- CALCULATE R, G, AND B GAINS AND CUTOFF VALUES CORRESPONDING TO TEMPERATURE INPUT — S99
- CONVERT DIGITAL SIGNAL TO ANALOG SIGNAL — S100
- IS COLOR ON SCREEN DESIRED ONE ? — S101 (NO — S102)
- END — S103 (YES)